

## **DETAILED ACTION**

### ***Response to Amendment***

1. The amendment filed 06 November 2009 has been entered and is sufficient to overcome the rejections of claims 1-14 and 16-22. Claims 1-14 and 16-22 are currently pending.

### **EXAMINER'S AMENDMENT**

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Victor Baranowski on 12 January 2010.

The application has been amended as follows: Claims 1-8 are cancelled. Claim 13 is amended to only depend on claim 9.

3. The following is an examiner's statement of reasons for allowance: It is in the opinion of the examiner that the art of record neither anticipates nor renders obvious a "bi-negative turbine comprising a base plate and a plurality of blades provided at both sides of the base plate... [which] alternate with those at opposite sides of the base plate" in combination with the rest of the claimed limitations set forth in the independent claim(s).

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The closest prior art is U.S. Patent No. 6,065,697 which discloses a turbulence mill. However it does not disclose a base plate with a plurality of blades provided on each side. The other closest prior art is U.S. Patent No. 6,514,036 which discloses a base plate with a plurality of blades but the blades do not entirely alternate with those at the opposite side.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew G. Katcoff whose telephone number is (571) 270-1415. The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dana Ross can be reached on (571) 272-4480. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Dana Ross/  
Supervisory Patent Examiner, Art Unit 3725

/M. G. K./  
Examiner, Art Unit 3725  
01/12/2010